

VULCAN TOOLS



VULCAN TOOL MANUFACTURING CO.
QUINCY - MASSACHUSETTS

MAKERS OF
HIGH GRADE STEEL TOOLS

For Steel Workers, Contractors and Quarrymen



CATALOG NUMBER SIX
1933

**VULCAN TOOL MANUFACTURING
COMPANY**

QUINCY - - - - MASSACHUSETTS

Sales Representatives
SURPLESS, DUNN & COMPANY
74-76 Murray St., New York
34 No. Clinton St., Chicago

VULCAN -- THE KEY TO QUALITY CONTRACTORS' TOOLS

FOREWORD

IT is a generally accepted fact that to maintain a business for any length of time it is necessary for that company to produce a quality article. In 1890, The Vulcan Tool Manufacturing Company started, in a small way, to manufacture Tools for the Contracting Trade. Consistent with our desire to produce only the finest quality implements, the buying trade immediately recognized the fact that these tools embodied the qualities and characteristics for which they were looking. The result was an ever increasing demand for Vulcan Tools and a gratifying realization that our products were accepted as we intended they should be — the finest of quality.

Whether you buy a steam shovel, a tractor, or a piece of small equipment, your satisfaction depends largely upon the integrity and reputation of the maker. Shrewd buyers agree that in practically all sales proposals the most forceful selling point any firm can put forward is a record of several years of reputable and successful service.

The constant increase in our business is not due to super-salesmanship, but to our strict adherence to the highest standard of quality, and to our insistence that absolute dependability be incorporated into every tool we manufacture. That we have succeeded in these endeavors — users of Vulcan Tools can readily testify. To those who have not yet tested their rugged strength and durability we can only say — “Vulcan Tools are Quality Tools.”

OUR GUARANTEE

WE guarantee Vulcan Tools to be as represented. We also guarantee them against flaws in material and defects in workmanship, and a liberal adjustment will be made on every tool which fails to give absolute satisfaction.

PRICES

SEE our latest price sheet for list prices and discounts. Prices are subject to change without notice owing to changing market conditions. We guarantee to maintain the lowest possible prices consistent with good material and workmanship.

TRADE CUSTOMS

AS far as possible we shall adhere to the following well-established trade customs:

Unless otherwise specified or agreed upon, all bills are sold for cash and are payable within thirty days from date of invoice.

Sales are subject to delays from strikes, accidents, or causes beyond our control.

Claims for shortage or deductions for erroneous charges must be presented promptly or they will not be allowed.

Our responsibility ceases when goods are receipted for in good condition by the carriers.

Special goods made to order cannot be returned for credit. Cancellation of orders for special goods will not be allowed if the manufacture of the material has been commenced.

Regular goods returned for credit will be subject to charge for transportation and other expenses incurred.

Orders from those who are unknown to us must be accompanied with cash or suitable commercial reference.

VULCAN TOOL MANUFACTURING COMPANY

CODE

FOR the convenience of our customers we have prepared a telegraph code covering principal matters relating to shipments, orders and terms. The use of this code in conjunction with the catalog number of the item as listed in this catalog will greatly simplify the transmission of telegrams and save the expense of lengthy messages.

ORDERS AND INQUIRIES

ACCEDE:	Ship at once.
ACCENT:	Ship as soon as possible.
ACCEPT:	Ship by express.
ACCESS:	Ship by freight.
ACCIDENT:	If you cannot ship at once, wire earliest shipping date.
ACCOST:	Hasten shipment of.
ACCOUNT:	Duplicate shipment of.
ACCRUE:	If you cannot ship at once, don't enter order.
ACCURATE:	Trace shipment of.
ACCURSE:	Ship what you have ready, balance follow as soon as possible.
ACCUSE:	Have you in stock.
ACE:	When can you ship.
ACHE:	When will you ship our order of.
ACHIEVE:	Cancel our order for.
ACID:	Add to our order of.
ACME:	Enter order your letter of.
ACORN:	Enter order your quotation of.
ACOUSTIC:	Shipping instructions follow.
ACQUIT:	Quote us upon.
ACTION:	Quote by wire lowest price upon.
ACTUAL:	Wire earliest shipping date.

ANSWERS

BEACH:	Can ship immediately upon receipt of order.
BEACON:	Have none in stock.
BEAD:	Order entered, expect to ship.
BEAK:	Will ship today.
BEAM:	Expect to ship.
BEAN:	Can make partial shipment from stock completing in.
BEAR:	Shipment made complete.
BEARD:	Too late to cancel order.
BEAST:	F.O.B. Destination.
BEAU:	F.O.B. Factory.
BEAVER:	30 days net.
BECALM:	Terms cash.
BECAUSE:	Quotation for immediate acceptance.
BECKON:	Letter follows with particulars.

THE CODE WORD FOR DEPENDABILITY IS "VULCAN"

Paving Breaker Steels

THE great difference existing between Vulcan Paving Breaking Tools, manufactured by the most efficient and time-tried methods, and the product of the average blacksmith shop, with its limited equipment and insufficient manufacturing experience, is not realized until a test has been made between the two. Forty-three years of specializing in the manufacture of Rock Breaking and Stone Cutting Tools has given us a knowledge and experience that cannot be duplicated by an ordinary shop manufacturing a general line of products with no special emphasis on any one line in particular. Not only do we use the best steel available but in addition, every article is subjected to scientific heat treatment to bring out the utmost in hardness and wear-resisting qualities. Not one of these elements is sacrificed in any way for the sake of price. The result is a line of tools excelled by none and by far the cheapest in the long run.

See Our Latest
Price List

Moil Point



A tool of extreme toughness made to withstand severe usage.

Size of Steel	Size and Length of Hexagon Shank	Standard Length under Collar	Weight	Catalog Number
$\frac{7}{8}$ " hex.	$\frac{7}{8}$ " x $3\frac{1}{4}$ "	12"	$2\frac{3}{4}$ lbs.	1010
		14"	$3\frac{1}{4}$ lbs.	1011
		18"	4 lbs.	1012
1" hex.	1" x $4\frac{1}{4}$ "	14"	$4\frac{1}{2}$ lbs.	1013
		18"	$5\frac{1}{2}$ lbs.	1014
		24"	7 lbs.	1015
1" hex.	1" x 6"	14"	$4\frac{3}{4}$ lbs.	1016
		18"	$5\frac{3}{4}$ lbs.	1017
		24"	$7\frac{1}{4}$ lbs.	1018
$1\frac{1}{8}$ " hex.	$1\frac{1}{8}$ " x 6"	14"	6 lbs.	1019
		18"	$7\frac{1}{2}$ lbs.	1020
		24"	9 lbs.	1021
		30"	11 lbs.	1022
$1\frac{1}{4}$ " hex.	$1\frac{1}{4}$ " x 6"	14"	$7\frac{1}{2}$ lbs.	1023
		18"	9 lbs.	1024
		24"	$11\frac{1}{2}$ lbs.	1025
		30"	$13\frac{3}{4}$ lbs.	1026

VULCAN HEAT TREATMENT INSURES DOUBLE STRENGTH

Narrow Chisel Bit or Gad



**See Our Latest
Price List**

THIS Narrow Chisel Bit or Gad is similar to the regular Moil Point shown on page 9 but it is sharpened with Chisel Bit ranging from $\frac{3}{4}$ " to $1\frac{1}{2}$ " wide. The narrow chisel point is especially adapted for use in breaking up very hard concrete and we recommend it for that purpose.

Size of Steel	Size and Length of Hexagon Shank	Standard Length under Collar	Weight	Catalog Number
1" hex.	1" x 6"	14"	4½ lbs.	1027
		18"	5½ lbs.	1028
		24"	7 lbs.	1029
1½" hex.	1½" x 6"	14"	6 lbs.	1030
		18"	7½ lbs.	1031
		24"	9 lbs.	1032
		30"	11 lbs.	1033
1¾" hex.	1¾" x 6"	14"	7½ lbs.	1034
		18"	9 lbs.	1035
		24"	11½ lbs.	1036
		30"	13¾ lbs.	1037

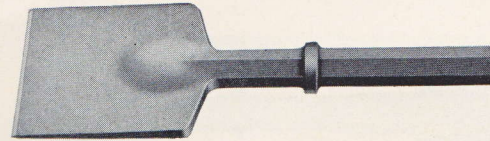
3 Inch Chisel Bit or Asphalt Cutter



Size of Steel	Size and Length of Hexagon Shank	Standard Length under Collar	Weight	Catalog Number
1" hex.	1" x 6"	14"	5 lbs.	1038
		18"	6 lbs.	1039
1½" hex.	1½" x 6"	14"	6¾ lbs.	1040
		18"	7¾ lbs.	1041
1¾" hex.	1¾" x 6"	14"	8¾ lbs.	1042
		18"	9¾ lbs.	1043

HARD ROAD SURFACES REQUIRE VULCAN QUALITY

Asphalt Cutter

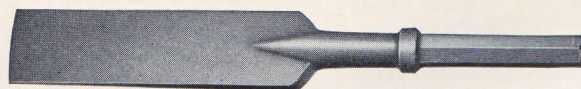


IMPROVED methods of road construction and corresponding developments in the texture of road surfacing material are a source of delight to the motoring public. But — they are a source of trouble to contractors engaged in road repair work unless their equipment is of a nature adapted to such strenuous work. When occasion demands that these surfaces be broken for purposes of repair to pipes or conduits underground it is then that the penetrative abilities and long wearing qualities of Vulcan Tools are appreciated.

*See Our Latest
Price List*

Size and Length of Hexagon Shank	Width of Blade	Length of Blade	Standard Length under Collar	Weight	Catalog Number
1" x 6"	5"	6"	10"	7½ lbs.	1044
1⅛" x 6"	5"	6"	10"	8 lbs.	1045
1¼" x 6"	5"	6"	10"	9¼ lbs.	1046

Digging Chisel

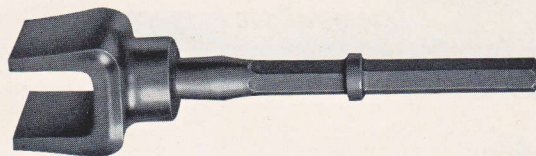


Size and Length of Hexagon Shank	Width of Blade	Length of Blade	Standard Length under Collar	Weight	Catalog Number
1" x 6"	3"	12"	15½"	8 lbs.	1047
1⅛" x 6"	3"	12"	15½"	8½ lbs.	1048
1¼" x 6"	3"	12"	15½"	10½ lbs.	1049

THE HARDEST CONCRETE YIELDS TO A VULCAN

Sheathing Driver

(With Detachable Shank)



The shank socket is a standard taper making all shanks interchangeable. For other sheathing tools such as Sheathing Clamps, Sheathing Lever and Plank Caps, see catalog page 34.

Size and Length of Hexagon Shank	Length Overall	Distance between Top of Base and Collar	To Fit Wood Sheathing	Weight	Catalog Number
1" x 6"	16"	4"	2" thick	19 lbs.	1050
1 1/8" x 6"	16"	4"	2" thick	20 lbs.	1051
1 1/8" x 6"	16"	4"	3" thick	21 lbs.	1052
1 1/4" x 6"	16"	4"	2" thick	21 lbs.	1053
1 1/4" x 6"	16"	4"	3" thick	22 lbs.	1054

Drill Steels



FOR emergency drilling with Paving Breaker Machines we can supply drills made from either solid or hollow hexagon steel with regular paving breaker shanks. We list the more popular sizes but can furnish any length required up to 20 feet. Sharp-ened with either 4 point or 6 point bits.

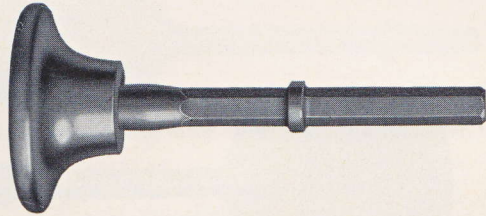
See Our Latest
Price List

Size of Steel	Size and Length of Hexagon Shank	Length under Collar	Weight	Catalog Number
1" hex.	1" x 6"	12"	4 1/2 lbs.	1055
		18"	6 lbs.	1056
		24"	7 1/2 lbs.	1057
1 1/8" hex.	1 1/8" x 6"	18"	8 lbs.	1058
		24"	10 lbs.	1059
		30"	11 3/4 lbs.	1060
		36"	13 3/4 lbs.	1061
1 1/4" hex.	1 1/4" x 6"	18"	10 lbs.	1062
		24"	12 lbs.	1063
		30"	14 1/2 lbs.	1064
		36"	16 3/4 lbs.	1065

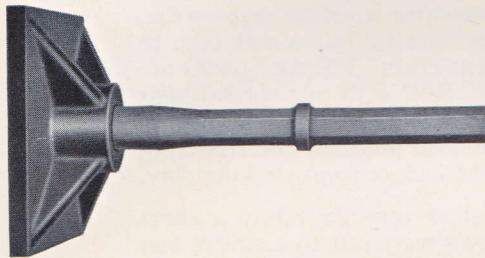
Dirt Tamper

(With Detachable Shank)

Round Pad



Size and Length of Hexagon Shank	Size of Base	Weight	Catalog Number
1" x 6"	6 $\frac{3}{4}$ " Dia.	18 lbs.	1066
1 $\frac{1}{8}$ " x 6"	6 $\frac{3}{4}$ " Dia.	19 lbs.	1067
1 $\frac{1}{4}$ " x 6"	6 $\frac{3}{4}$ " Dia.	20 lbs.	1068



Square Pad

The shank socket is a standard taper making all shanks interchangeable.

Size and Length of Hexagon Shank	Size of Base	Weight	Catalog Number
1" x 6"	6" Square	18 lbs.	1069
1 $\frac{1}{8}$ " x 6"	6" Square	19 lbs.	1070
1 $\frac{1}{8}$ " x 6"	8" Square	20 lbs.	1071
1 $\frac{1}{4}$ " x 6"	6" Square	20 lbs.	1072
1 $\frac{1}{4}$ " x 6"	8" Square	21 lbs.	1073

Heavy Clay Spade

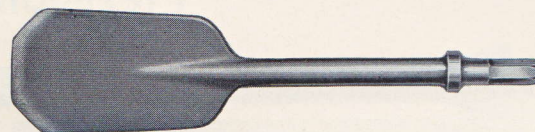
(For Paving Breakers)

See Our Latest
Price List



Size and Length of Hexagon Shank	Size of Blade	Length Overall	Weight	Catalog Number
1 $\frac{1}{8}$ " x 6"	4 $\frac{1}{2}$ " wide, 8 $\frac{1}{2}$ " long	23"	8 $\frac{1}{2}$ lbs.	1074
1 $\frac{1}{8}$ " x 6"	5 $\frac{1}{2}$ " wide, 8 $\frac{1}{2}$ " long	23"	9 lbs.	1075
1 $\frac{1}{4}$ " x 6"	4 $\frac{1}{2}$ " wide, 8 $\frac{1}{2}$ " long	23"	10 $\frac{1}{2}$ lbs.	1076
1 $\frac{1}{4}$ " x 6"	5 $\frac{1}{2}$ " wide, 8 $\frac{1}{2}$ " long	23"	11 lbs.	1077

Flat Pick



For use in coarse gravel or hard clay. Standard Blade is 5" wide, 8½" long. Length overall is 21".

Size No.	Shank		To Fit Clay Digger Made by	Model No.	Weight	Catalog Number
	Size	Length				
1	¾" sq.	2¾"	Chicago Pneumatic	3	6½ lbs.	1082
2	7/8" hex.	2¾"	Sullivan Machinery Cleveland Rock Drill Worthington-Gilman	M-1 CD5-TD5 9	7 lbs.	1083
3	¾" hex.	2¾"	Ingersoll-Rand Gardner Denver	56H-156H-MP1 28-28A-28B 128-128A-128B	6½ lbs.	1084
4	7/8" hex.	3¼"	Ingersoll-Rand Gardner Denver	73-57-157-58-158 28C-28D-128C-128D	7 lbs.	1085

Note:—Shanks on Sizes 3 and 4 Combination Hexagon and Round.

Clay Digger Chisel Blank



**See Our Latest
Price List**

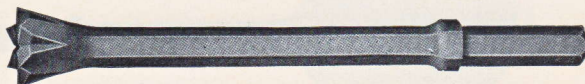
THESE tools are commonly used in Clay Digging Machines for light work in place of regular Moil Points and Chisel Bits. Many users prefer to buy them blank and shape up point to suit requirements although we will furnish them pointed with either pick point or chisel bit when required.

Size of Steel Under Collar	Shank		To Fit Clay Digger Made by	Length Under Collar	Weight	Catalog Number
	Size	Length				
1" round	¾" sq.	2¾"	Chicago Pneumatic	12"	3¼ lbs.	1086
				15"	4 lbs.	1087
				18"	4¾ lbs.	1088
1½" round	7/8" hex.	2¾"	Sullivan Machinery Cleveland Rock Drill Worthington-Gilman	12"	4 lbs.	1089
				15"	4¾ lbs.	1090
				18"	5½ lbs.	1091
				24"	7¼ lbs.	1092
1" round	*¾" hex.	2¾"	Ingersoll-Rand Gardner-Denver	12"	3¼ lbs.	1093
				15"	4 lbs.	1094
				18"	4¾ lbs.	1095
1½" round	*7/8" hex.	3¼"	Ingersoll-Rand Gardner-Denver	12"	4 lbs.	1096
				15"	5 lbs.	1097
				18"	5¾ lbs.	1098
				24"	7½ lbs.	1099

*Shanks on these sizes are Combination Hexagon and Round.

VULCAN TOOLS ARE THE PICK OF THE MARKET

Hexagon Hollow Drill Steels



Direct contact with one of the oldest and largest steel mills in Sweden insures us a constant supply of Hollow Drill Steel of the finest quality. After many years' experience in manufacturing rock drills for every conceivable condition, we find this steel absolutely uniform and dependable. Heating, sharpening and tempering are accomplished in the most approved manner with modern equipment by skilled workmen, and every drill steel will be found true to gauge, properly tempered and ready to cut rock speedily.

In addition to the popular sections listed on this page, we can furnish drills from other sections such as quarter octagon, cruciform and Spiral Rolled steel.

The following specifications show standard lengths and bit sizes which we carry in stock. We can promptly supply drills of any desired length or bit diameter not shown in this list and for special drilling requirements we can supply solid bits with side hole opening.

SPECIFICATIONS						SPECIFICATIONS					
7/8" Hex. Hollow — Collar Shanks 7/8" Hex. 3 1/4" Long.						1" Hex. Hollow — Collar Shanks 1" Hex. 4 1/4" Long.					
Bits — 4 point or 6 point						Bits — 4 point or 6 point					
Drilling Length, Inches	Bit Diameters — Inches				Approx. Weight Pounds	Drilling Length, Inches	Bit Diameters — Inches				Approx. Weight Pounds
	6 Ft. Set	9 Ft. Set	12 Ft. Set	20 Ft. Set			6 Ft. Set	9 Ft. Set	12 Ft. Set	20 Ft. Set	
12	1 3/4	2 1/8	2 1/8	...	3 3/8	12	2	2 1/4	2 1/4	...	5
24	1 5/8	2	2	2 3/8	5 1/2	24	1 7/8	2 1/8	2 1/8	2 1/2	7 3/4
36	1 1/2	1 7/8	1 7/8	...	7 5/8	36	1 3/4	2	2	...	10 1/2
48	1 3/8	1 3/4	1 3/4	2 1/4	9 3/4	48	1 5/8	1 7/8	1 7/8	2 3/8	13 1/4
60	1 1/4	1 5/8	1 5/8	...	11 7/8	60	1 1/2	1 3/4	1 3/4	...	16
72	1 1/8	1 1/2	1 1/2	2 1/8	14	72	1 3/8	1 5/8	1 5/8	2 1/4	18 3/4
84	...	1 3/8	...	...	16 1/8	84	...	1 1/2	...	...	21 1/2
96	...	1 1/4	1 3/8	2	18 1/4	96	...	1 3/8	1 1/2	2 1/8	24 1/4
108	...	1 1/8	...	...	20 3/8	108	...	1 1/4	...	...	27
120	...	...	1 1/4	1 7/8	22 1/2	120	...	...	1 3/8	2	29 3/4
132	...	...	...	...	24 5/8	132	...	...	...	...	32 1/2
144	...	...	1 1/8	1 3/4	26 3/4	144	...	...	1 1/4	1 7/8	35 1/4
168	...	...	...	1 5/8	31	168	...	...	...	1 3/4	40 3/4
192	...	...	...	1 1/2	35 1/4	192	...	...	...	1 5/8	46 1/4
216	...	...	...	1 3/8	39 1/2	216	...	...	...	1 1/2	51 3/4
240	...	...	...	1 1/4	43 3/4	240	...	...	...	1 3/8	67 1/4

Round Hollow Drill Steels

See Our Latest Price List



SPECIFICATIONS				SPECIFICATIONS			
1 1/4" Round Hollow				Standard Lug Shanks			
Bits — 4 point or 6 point				Bits — 4 point or 6 point			
Drilling Length, Inches	Bit Diameters — Inches		Approx. Weight Pounds	Drilling Length, Inches	Bit Diameters — Inches		Approx. Weight Pounds
	12 Ft. Set	20 Ft. Set			20 Ft. Set	20 Ft. Set	
24	2	2 1/2	12	144	1 3/8	1 7/8	52
48	1 7/8	2 3/8	20	168	...	1 3/4	60
72	1 3/4	2 1/4	28	192	...	1 5/8	68
96	1 5/8	2 1/8	36	216	...	1 1/2	76
120	1 1/2	2	44	240	...	1 3/8	84

The sizes listed are for standard 24 in. runs.
Furnished also in other lengths for either 30 in. or 36 in. runs.

CATALOG NUMBERS ON HOLLOW DRILL STEELS

7/8" hex. steel	3 1/4" shank	4 point bits	1100
7/8" hex. steel	3 1/4" shank	6 point bits	1101
1" hex. steel	4 1/4" shank	4 point bits	1102
1" hex. steel	4 1/4" shank	6 point bits	1103
1 1/4" rd. steel	Lug shank	4 point bits	1104
1 1/4" rd. steel	Lug shank	6 point bits	1105

THE VULCAN TRADE-MARK DENOTES DURABILITY

Tie Tamper



THIS tool is used with special pneumatic tamping machine for tamping dirt or other filling around railroad ties. The most common size has a tamping edge 3" wide, $\frac{7}{8}$ " thick with an overall length of 20". The shank is $\frac{7}{8}$ " hex., $2\frac{5}{8}$ " long. Weight 5½ pounds. Catalog No. 1512. We can furnish any special size or style required and solicit the opportunity to quote on your specifications.

*See Our Latest
Price List*

Plug Drill Bit



USED extensively with plug drilling machine for drilling plug holes, three to four inches deep, for splitting stone or granite blocks with wedges and shims, as shown on catalog page 28. The regular length is about 18" overall and the standard shank size is $\frac{11}{16}$ " diameter, $2\frac{1}{2}$ " long.

Size of Stock	Size of Bit	Size of Bit End Not Sharpened	Average Weight per 100	Catalog Number
$\frac{3}{4}$ " qr. oct.	$\frac{3}{4}$ "	$\frac{9}{16}$ "	200 lbs.	1106
$\frac{3}{4}$ " qr. oct.	$\frac{5}{8}$ "	$\frac{1}{2}$ "	190 lbs.	1107
$\frac{3}{4}$ " qr. oct.	$\frac{1}{2}$ "	$\frac{7}{16}$ "	150 lbs.	1108

Channeling Tool

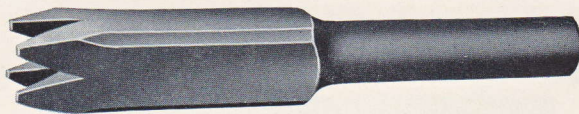
(Core Cutter)



Made from $\frac{7}{8}$ inch steel with $\frac{11}{16}$ inch shank, $2\frac{1}{2}$ inches long, in the following sizes:

Size No.	Cutting Depth	Thickness of Cutting Edge	Average Weight	Catalog Number
1	6"	$\frac{9}{16}$ "	3 lbs.	1109
2	6"	$\frac{3}{4}$ "	3 lbs.	1110
3	12"	$\frac{9}{16}$ "	4½ lbs.	1111

For cutting channel 6 inches deep, use No. 1. For cutting channel 6 inches to 12 inches, use both No. 2 and No. 3. These tools are sharpened with or without teeth. Specify size or length desired.



Tooth Chisel

See Our Latest
Price List

THIS tool is largely used for finishing concrete walls or other surfaces where a rough pick finish is required. The shank sizes listed are standard for pneumatic carving tools but we can furnish them to fit any type of electric or pneumatic hammer.

Size of Stock	Size Shank	Length Overall	No. of Teeth	Catalog Numbers
1/2"	1/2"	4 1/2"	4 or 9	1112
5/8"	1/2"	4 1/2"	4 or 9	1113
5/8"	5/8"	4 1/2"	4 or 9	1114
3/4"	1/2"	5 "	4 or 9	1115
3/4"	5/8"	5 "	4 or 9	1116
7/8"	1 1/16"	6 "	4 or 9	1117

Bush Chisel



ALTHOUGH this tool is mostly used for finishing granite it is quite useful for smoothing concrete walls or floors. Do not use this tool in concrete unless it is absolutely dry. We can furnish shank to fit any type of electric or pneumatic hammer.

Size	Opening for Blades	Number of Blades	Size of Shank	Catalog Numbers
0	3/4"	4 to 14	1 1/16"	1118
1	3/4"	4 to 14	1/2" or 5/8"	1119
2	5/8"	4 to 12	1/2" or 5/8"	1120
3	1/2"	3 to 10	1/2" or 5/8"	1121
4	3/8"	3 to 7	1/2" or 5/8"	1122
5	5/16"	3 to 6	1/2" to 5/8"	1123
6	1/4"	2 to 5	1/2" or 5/8"	1124

Always specify shank size and number of blades wanted.



Double Blade Chisel

Size Stock	Size Shank	Width of Blade	Catalog Numbers
5/8"	1/2"	1 1/4"	1125
5/8"	5/8"	1 1/4"	1126
3/4"	5/8"	1 1/2"	1127
7/8"	1 1/16"	1 3/4"	1128

Chisels with 1/2" or 5/8" shanks are for use with regular carving tools, length about 9". Chisels with 1 1/16" shanks are for use with Hand Facer or Plug Drill, length about 6".

Always specify size of shank.

VULCAN TOOL MANUFACTURING COMPANY

The tools listed on this page are suitable for finishing granite, limestone, concrete or cast stone.

See Our Latest
Price List

Machine Chisel



Size Stock	Size Shank	Average Weight per 100	Catalog Number
$\frac{3}{8}$ "	$\frac{3}{8}$ " or $\frac{1}{2}$ "	40 lbs.	1129
$\frac{1}{2}$ "	$\frac{3}{8}$ " or $\frac{1}{2}$ "	62 lbs.	1130
$\frac{5}{8}$ "	$\frac{1}{2}$ " or $\frac{5}{8}$ "	90 lbs.	1131
$\frac{3}{4}$ "	$\frac{1}{2}$ " or $\frac{5}{8}$ "	100 lbs.	1132

Always specify size of shank. Regular length about 10 inches.
Chisels will be furnished sharp unless otherwise ordered.

Cleaning Up Chisel

Regular length about 10 inches



Size Stock	Size Shank	Width of Blade	Catalog Number
$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1133
		1"	1134
		$1\frac{1}{2}$ "	1135
$\frac{5}{8}$ "	$\frac{1}{2}$ " or $\frac{5}{8}$ "	1"	1136
		$1\frac{1}{2}$ "	1137
		2"	1138
		$2\frac{1}{2}$ "	1139
		3"	1140
$\frac{3}{4}$ "	$\frac{5}{8}$ "	$2\frac{1}{2}$ "	1141
		3"	1142

Wide Tooth Chisel

Regular length about 10 inches



Size Stock	Size Shank	Width of Blade	Catalog Number
$\frac{1}{2}$ "	$\frac{1}{2}$ "	$\frac{3}{4}$ "	1143
		1"	1144
		$1\frac{1}{2}$ "	1145
$\frac{5}{8}$ "	$\frac{1}{2}$ " or $\frac{5}{8}$ "	1"	1146
		$1\frac{1}{2}$ "	1147
		2"	1148
		$2\frac{1}{2}$ "	1149
		3"	1150
$\frac{3}{4}$ "	$\frac{5}{8}$ "	$2\frac{1}{2}$ "	1151
		3"	1152

VULCAN TOOLS MEET MOST EXACTING REQUIREMENTS

VULCAN TOOL MANUFACTURING COMPANY



Carving Drill

This Tool also suitable for finishing granite, limestone, concrete or cast stone.

Size Stock	Size Shank	Average Weight per 100	Average Length	Catalog Number
$\frac{1}{2}$ "	$\frac{1}{2}$ "	60 lbs.	11"	1153
$\frac{5}{8}$ "	$\frac{1}{2}$ " or $\frac{5}{8}$ "	85 lbs.	12"	1154

Always specify size of shank.

GRANITE SURFACING MACHINE TOOLS

Surfacer Four Point



Vulcan Surfacer Four Points are made from a special grade of steel which we have found to be absolutely dependable. Our special heat treatment insures maximum service, and a reasonable adjustment will be made on every point failing to give complete satisfaction.

Size of Stock	Size of Shank	Length Overall	Weight	Catalog Number
$1\frac{3}{8}$ " sq.	$1\frac{1}{4}$ " x 6"	10"	4 lbs.	1155
$1\frac{1}{2}$ " sq.	$1\frac{1}{2}$ " x 8"	13"	$6\frac{3}{4}$ lbs.	1156

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Price List

Vulcan Boltless Bush Chisel



Simplicity is the simple explanation of the success of this chisel. Cumbersome and troublesome features found in many tools of this character are eliminated in the "Vulcan," producing a lightweight, perfectly balanced chisel possessing unusual wearing qualities.

Made in two standard sizes— $1\frac{1}{2}$ in. round shank 8 inches long, with blade opening of 2 in. for Large Surfacer, and $1\frac{1}{4}$ in. round shank 6 in. long with blade opening of $1\frac{1}{2}$ in. for Small Surfacer. Weight complete with Blades—Large Size, 19 lbs. Small Size, $9\frac{1}{4}$ lbs.

Diameter of Shank	Opening for Blades	No. of Blades Per Set	Term Designating Grade of Finish	Catalog Number
$1\frac{1}{4}$ "	$1\frac{1}{2}$ "	4	4 cut	1157
		10	6 cut	1158
		14	8 cut	1159
		20	10 cut	1160
		25	12 cut	1161
$1\frac{1}{2}$ "	2 "	4	coarse 4 cut	1162
		6	4 cut	1163
		12	6 cut	1164
		16	8 cut	1165
		25	10 cut	1166
		30	12 cut	1167

Always specify number of blades desired. We can vary the regular number to suit requirements.

VULCAN TOOLS MAKE DIFFICULT WORK EASY

H A N D T O O L S



VULCAN TOOL MANUFACTURING COMPANY

QUINCY - - - - - MASSACHUSETTS

Hand Point



Points are made from Quarter-Octagon Steel. Furnished sharpened ready for use unless otherwise ordered.

Size of Stock	Average Weight Per 100	Average Length	Catalog Numbers
$\frac{3}{8}$ "	35 lbs.	$7\frac{1}{2}$ "	1168
$\frac{1}{2}$ "	55 lbs.	8 "	1169
$\frac{5}{8}$ "	82 lbs.	8 "	1170
$\frac{3}{4}$ "	120 lbs.	$8\frac{1}{2}$ "	1171
$\frac{7}{8}$ "	175 lbs.	$9\frac{1}{2}$ "	1172
$\frac{15}{16}$ "	200 lbs.	10 "	1173

Hand Chisel

Chisels are made from Quarter-Octagon Steel. Furnished sharpened ready for use unless otherwise ordered.



Size of Stock	Average Weight Per 100	Average Length	Catalog Numbers
$\frac{3}{8}$ "	35 lbs.	$7\frac{1}{2}$ "	1174
$\frac{1}{2}$ "	55 lbs.	8 "	1175
$\frac{5}{8}$ "	82 lbs.	8 "	1176
$\frac{3}{4}$ "	120 lbs.	$8\frac{1}{2}$ "	1177
$\frac{7}{8}$ "	175 lbs.	$9\frac{1}{2}$ "	1178
$\frac{15}{16}$ "	200 lbs.	10 "	1179

Hand Plug Drill

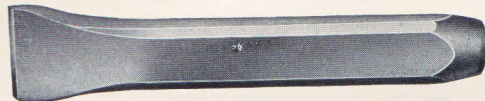


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Size of Stock	Average Weight Per 100	Size of Bit	Catalog Numbers
$\frac{5}{8}$ "	140 lbs.	$\frac{1}{2}$ "	1180
$\frac{3}{4}$ "	200 lbs.	$\frac{5}{8}$ "	1181
$\frac{7}{8}$ "	300 lbs.	$\frac{3}{4}$ "	1182

Regular length about 18 inches. Furnished sharpened ready for use unless otherwise ordered. Drills made from $\frac{3}{4}$ in. stock are most commonly used and are suitable for Wedges from 3 in. to 4 in. long.

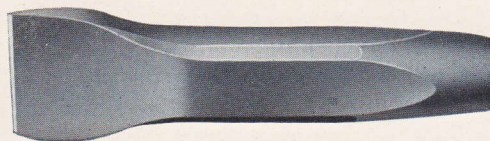
Hand Set or Pitching Tool



Size of Stock	Width of Blade	Length	Weight	Catalog Numbers
$\frac{3}{4}$ "	$1\frac{3}{8}$ "	$7\frac{1}{2}$ "	$1\frac{1}{4}$ lbs.	1183
$\frac{7}{8}$ "	$1\frac{1}{2}$ "	8 "	$1\frac{3}{4}$ lbs.	1184
1 "	$1\frac{3}{4}$ "	8 "	$2\frac{1}{4}$ lbs.	1185
$1\frac{1}{8}$ "	$1\frac{7}{8}$ "	$8\frac{1}{2}$ "	$2\frac{3}{4}$ lbs.	1186
$1\frac{1}{4}$ "	2 "	9 "	$3\frac{1}{2}$ lbs.	1187

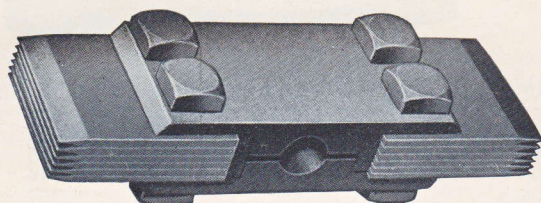
Hand Tracer

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Price List



Size of Stock	Width of Blade	Length	Weight	Catalog Number
$\frac{3}{4}$ "	$1\frac{1}{2}$ "	7 "	$1\frac{1}{8}$ lbs.	1188
$\frac{7}{8}$ "	$1\frac{3}{4}$ "	$7\frac{1}{2}$ "	$1\frac{1}{2}$ lbs.	1189
1 "	2 "	8 "	$1\frac{3}{4}$ lbs.	1190
$1\frac{1}{8}$ "	$2\frac{1}{4}$ "	8 "	$2\frac{1}{4}$ lbs.	1191
$1\frac{1}{4}$ "	$2\frac{1}{4}$ "	$8\frac{1}{2}$ "	3 lbs.	1192

Hand Bush Hammer



These hammers are suitable for bushing either Granite or Concrete.

CAUTION: This type hammer must not be used on wet concrete.

Size	Opening of Jaws	Cuts per End	Weight	Catalog Number
No. 1	$\frac{7}{8}$ "	4	9 lbs.	1193
No. 2	$\frac{7}{8}$ "	6	9 lbs.	1194
No. 3	$\frac{3}{4}$ "	8	7 lbs.	1195
No. 4	$1\frac{1}{16}$ "	10	6 lbs.	1196
No. 5	$\frac{5}{8}$ "	12	$4\frac{3}{4}$ lbs.	1197
No. 6	$\frac{5}{8}$ "	4, 5, or 6	$4\frac{3}{4}$ lbs.	1198

Solid Bush Hammer

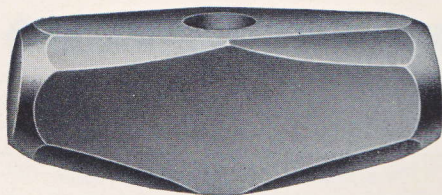
Teeth are machine cut. Suitable for stone or concrete.



Size of Stock	Length	Weight	No. of Teeth Each End	Catalog Number
1 " sq.	5 "	$1\frac{1}{4}$ lbs.	4 or 9	1199
$1\frac{1}{4}$ " sq.	$5\frac{1}{2}$ "	$2\frac{1}{4}$ lbs.	9 or 16	1200
$1\frac{5}{8}$ " sq.	6 "	4 lbs.	16 or 25	1201
2 " sq.	$5\frac{1}{4}$ "	5 lbs.	16 or 25	1202
2 " sq.	$6\frac{1}{4}$ "	6 lbs.	16 or 25	1203

Cutters' Hand Hammer

(Short Pattern)



These hammers are hand forged from high grade tool steel and perfectly balanced. Hardened and tempered to insure unusual durability.

Size	Catalog Number	Size	Catalog Number
2 lbs.	1204	3 1/4 lbs.	1207
2 1/2 lbs.	1205	3 1/2 lbs.	1208
3 lbs.	1206	3 3/4 lbs.	1209

Hand Bull Point

Made from Octagon Tool Steel. When ordering specify size of steel and length desired.



Size Stock	Length	Weight	Catalog Number
3/4"	12"	1 3/4 lbs.	1210
	18"	2 1/2 lbs.	1211
7/8"	12"	2 1/4 lbs.	1212
	18"	3 1/4 lbs.	1213
1"	12"	3 lbs.	1214
	18"	4 1/4 lbs.	1215
	24"	5 3/4 lbs.	1216
1 1/8"	18"	5 1/2 lbs.	1217
	24"	7 1/4 lbs.	1218
	30"	9 lbs.	1219
1 1/4"	18"	6 3/4 lbs.	1220
	24"	9 lbs.	1221
	30"	11 lbs.	1222
	36"	13 1/4 lbs.	1223
1 1/2"	24"	12 3/4 lbs.	1224
	36"	19 lbs.	1225

Made from Octagon Tool Steel from 1 inch to 1 1/2 inch diameter in any desired length. Usually furnished with chisel point on one end and round pencil point on other end.

Digging Bar

(Not Illustrated)

Catalog number 1226.

See Our Latest
Price List

CONTINUOUS USE HAS PROVEN VULCAN DEPENDABILITY

Diamond Point Stone Drill



Size Stock	Size Bit	Length	Weight	Catalog Number
$\frac{5}{16}$ "	$\frac{3}{8}$ "	12"	.28 lbs.	1227
$\frac{3}{8}$ "	$\frac{1}{2}$ "	12"	.40 lbs.	1228
$\frac{1}{2}$ "	$\frac{5}{8}$ " $\frac{3}{4}$ "	12"	.70 lbs.	1229
		12"	.70 lbs.	1230
$\frac{5}{8}$ "	$\frac{7}{8}$ "	12"	1.10 lbs.	1231
$\frac{3}{4}$ "	1 "	12"	1 $\frac{3}{4}$ lbs.	1232
		18"	2 $\frac{1}{2}$ lbs.	1233
$\frac{7}{8}$ "	1 $\frac{1}{8}$ " or 1 $\frac{1}{4}$ "	12"	2 $\frac{1}{4}$ lbs.	1234
		18"	3 $\frac{1}{4}$ lbs.	1235
		24"	4 $\frac{1}{2}$ lbs.	1236
1 "	1 $\frac{3}{8}$ " or 1 $\frac{1}{2}$ "	12"	3 lbs.	1237
		18"	4 $\frac{1}{4}$ lbs.	1238
		24"	5 $\frac{3}{4}$ lbs.	1239
1 $\frac{1}{8}$ "	1 $\frac{1}{2}$ " or 1 $\frac{5}{8}$ "	18"	5 $\frac{1}{2}$ lbs.	1240
		24"	7 $\frac{1}{4}$ lbs.	1241
		30"	9 lbs.	1242
1 $\frac{1}{4}$ "	1 $\frac{3}{4}$ " or 2 "	24"	9 lbs.	1243
		30"	11 lbs.	1244
		36"	13 $\frac{1}{4}$ lbs.	1245

Always specify size of stock, size of bit and length desired.

Hand Chisel Bar



See Our Latest
Price List

Size Stock	Length	Weight	Catalog Number
$\frac{3}{4}$ "	18"	2 $\frac{1}{2}$ lbs.	1246
	24"	3 $\frac{1}{4}$ lbs.	1247
	30"	4 lbs.	1248
$\frac{7}{8}$ "	18"	3 $\frac{1}{4}$ lbs.	1249
	24"	4 $\frac{1}{2}$ lbs.	1250
	30"	5 $\frac{1}{2}$ lbs.	1251
1 "	18"	4 $\frac{1}{4}$ lbs.	1252
	24"	5 $\frac{3}{4}$ lbs.	1253
	30"	7 lbs.	1254
	36"	8 $\frac{1}{2}$ lbs.	1255
1 $\frac{1}{8}$ "	24"	7 $\frac{1}{4}$ lbs.	1256
	30"	9 lbs.	1257
	36"	10 $\frac{3}{4}$ lbs.	1258
1 $\frac{1}{4}$ "	24"	9 lbs.	1259
	30"	11 lbs.	1260
	36"	13 $\frac{1}{4}$ lbs.	1261

Hand Star Drill



These drills are forged from carbon tool steel and tempered suitable for drilling brick or concrete.

We can supply Star Drills made with any type of shank to fit Pneumatic or Electric Drilling Machines. Let us quote on your specifications.

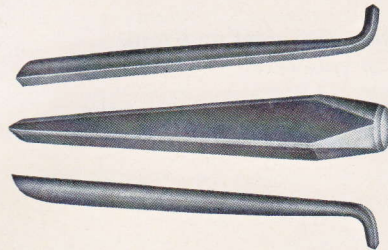
**See Our Latest
Price List**

Size of Bit	Length	Size of Stock	Weight	Catalog Number
1/4"	8"	3/16"	.07 lbs.	1262
	12"		.10 lbs.	1263
5/16"	8"	1/4"	.12 lbs.	1264
	12"		.18 lbs.	1265
3/8"	8"	5/16"	.18 lbs.	1266
	12"		.28 lbs.	1267
	18"		.42 lbs.	1268
1/2"	8"	3/8"	.26 lbs.	1269
	12"		.40 lbs.	1270
	18"		.60 lbs.	1271
5/8"	8"	1/2"	.46 lbs.	1272
	12"		.70 lbs.	1273
	18"		1.05 lbs.	1274
3/4"	12"	1/2"	.70 lbs.	1275
	18"		1.05 lbs.	1276
	24"		1.40 lbs.	1277
7/8"	12"	5/8"	1.10 lbs.	1278
	18"		1.65 lbs.	1279
	24"		2.20 lbs.	1280
1 "	12"	3/4"	1.58 lbs.	1281
	18"		2.37 lbs.	1282
	24"		3.16 lbs.	1283
1 1/8"	12"	7/8"	2.16 lbs.	1284
	18"		3.24 lbs.	1285
	24"		4.32 lbs.	1286
1 1/4"	12"	7/8"	2.16 lbs.	1287
	18"		3.24 lbs.	1288
	24"		4.32 lbs.	1289
1 3/8"	12"	7/8"	2.16 lbs.	1290
	18"		3.24 lbs.	1291
	24"		4.32 lbs.	1292
1 1/2"	12"	1 "	2.82 lbs.	1293
	18"		4.23 lbs.	1294
	24"		5.64 lbs.	1295

In addition to the sizes listed we can promptly furnish drills in any bit size up to 3" diameter.

Wedges and Shims

(Plugs and Feathers)



VULCAN WEDGES are made from genuine imported Swedish wedge steel, insuring absolute uniformity and toughness unequalled in any other steel. Our process of hardening and tempering is very efficient and we positively guarantee them to be the best under all conditions.

See Our Latest
Price List

Size No.	Length	Size Steel in Wedge	Suitable for Drill Hole Size	*Approx. Wt. Per 100 Sets	Catalog Number
2 1/2	2 1/2"	1/2" x 7/16"	1/2"	20 lbs.	1299
2 3/4	2 3/4"	1/2" x 7/16"	1/2"	22 lbs.	1300
3	3"	1/2" sq.	5/8"	28 lbs.	1301
3 1/4	3 1/4"	1/2" sq.	5/8"	30 lbs.	1302
3 1/2	3 1/2"	9/16" x 1/2"	5/8"	35 lbs.	1303
3 3/4	3 3/4"	9/16" x 1/2"	5/8"	38 lbs.	1304
4	4"	5/8" x 1/2"	3/4"	40 lbs.	1305

Deep Hole Wedges & Shims

Made in the following sizes for use in splitting large granite blocks and concrete construction.

Length	Size of Wedge of Top	Suitable for Drill Hole Size	*Approx. Weight Per Set	Catalog Number
6"	3/4" x 7/8"	1 1/4" to 1 3/8"	1 3/4 lbs.	1306
8"	7/8" sq.	1 1/4" to 1 3/8"	2 1/4 lbs.	1307
10"	1" sq.	1 1/2"	3 3/4 lbs.	1308
12"	1" sq.	1 1/2"	4 1/2 lbs.	1309
	1 1/4" sq.	1 3/4"	8 lbs.	1310
	1 1/2" sq.	2"	11 lbs.	1311
15"	1 1/4" sq.	1 3/4"	10 1/2 lbs.	1312
	1 1/2" sq.	2"	12 lbs.	1313
18"	1 1/4" sq.	1 3/4"	12 lbs.	1314
	1 1/2" sq.	2"	13 lbs.	1315

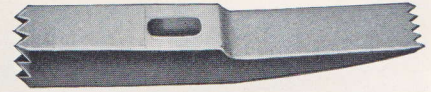
*A Set consists of one Wedge and two Shims.

Concrete Bush Chisel

(Square Type)

Made from $1\frac{1}{4}$ " square Tool Steel about 8" long.

Weight about $2\frac{1}{4}$ pounds.



Catalog Number 1316

Concrete Bush Chisel

(Flat Type)

Made from 2" x 1" Tool Steel about 9" long.

Weight about 3 pounds.



Catalog Number 1317

*See Our Latest
Price List*

Concrete Chipping Hammer

For roughing concrete surfaces before applying waterproofing compound — 2" wide, 9" long, weight about 4 pounds.



Catalog Number 1318

Pean Hammer

(Not illustrated)

Same shape as Concrete Chipping Hammer shown above but in heavier sizes from 5 to 9 pounds each. Sometimes called "STONE AXE."

Catalog Number 1319

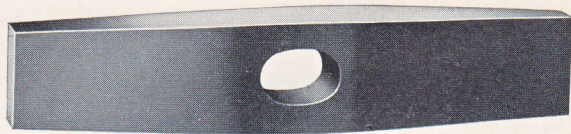
Stone Hammer

Furnished in weights from 6 to 20 pounds and with single face as shown or with double face.

Catalog Number 1320



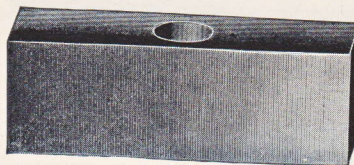
Paving Cutters' Reel



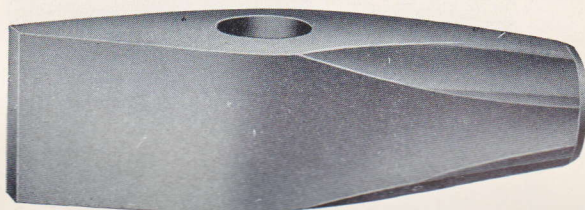
Made in weights from 5 to 7 pounds.
Catalog Number 1321

Paving Cutters' Side Hammer

Made in weights from 4 to 6 pounds.
Catalog Number 1322



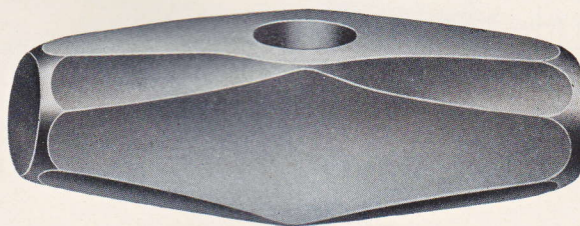
Bull Set



Made in weights from 8 to 14 pounds.
Catalog Number 1323

Striking Hammer

*See Our Latest
Price List*



Made in weights from 8 to 16 pounds.

Catalog Number 1324

Our Bull Sets and Striking Hammers are made from the best grade of genuine Swedish Hammer Steel, and are unequalled for toughness and good wearing qualities.

Diamond Point Frost Wedge



Catalog Number 1325



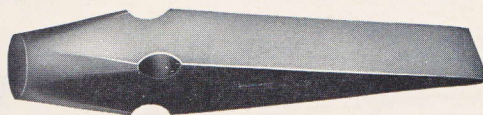
Catalog Number 1326

*See Our Latest
Price List*

Chisel Point Frost Wedge

Frost Wedges are forged from Tool Steel in lengths from 12" to 24" long, or weights from 10 to 30 pounds. When ordering specify length or weight desired.

Stone Wedge



Catalog Number 1327

Forged from Tool Steel in lengths from 6" to 12" long or weights from 3 to 6 pounds. When ordering specify weight desired. Illustration shows wedge with crease for holding with wire handle but we forge them without crease when desired.

Brick Chisel



Made from $\frac{7}{8}$ " Quarter Octagon Tool Steel. Sharpened with long chisel point for cutting out brick walls.

Length	Weight	Catalog Number
12"	2 $\frac{1}{4}$ lbs.	1328
15"	2 $\frac{3}{4}$ lbs.	1329
18"	3 $\frac{1}{2}$ lbs.	1330
24"	4 $\frac{3}{4}$ lbs.	1331



Hose Spanner

For tightening coupling joints on Suction Hose.

Size Hose	Length	Weight	Catalog Number
2"	14"	1 1/4 lbs.	1332
3"	22"	2 3/4 lbs.	1333
4"	22"	2 3/4 lbs.	1334

Building Razers' Mattock

Catalog Number 1335



FORGED from Tool Steel and used by Building Wreckers for lifting boards or flooring, when it is desirable to save the lumber for further use. Rectangular eye takes standard Pick Handle slightly squared on end. Overall length 16". Width of blade 2 1/4". Weight 5 3/4 pounds.

*See Our Latest
Price List*

Brick Clamp

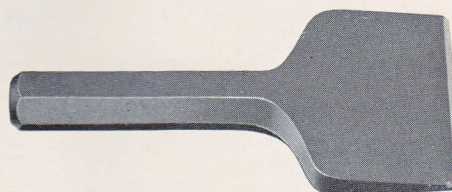


For handling and unloading Brick. Capacity is adjustable to take from 6 to 10 bricks.

Weight, 5 1/2 pounds. Tool is malleable, combining light weight with durability.

Catalog Number 1336

Brick Set



Size of Cut	Size of Handle	Length Overall	Weight	Catalog Number
3 "	7/8"	7"	2 lbs.	1337
3 1/2"	7/8"	7"	2 1/4 lbs.	1338
4 "	7/8"	7"	2 1/2 lbs.	1339

Paving Hammer (Boston Pattern)



Forged from Tool Steel.
Length overall 15½".
Width of Chisel End 2".
Weight 3½ pounds.

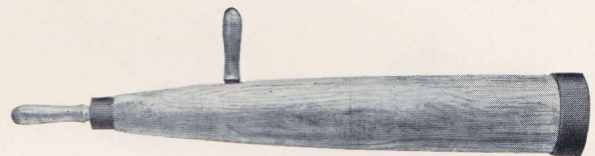
Catalog Number 1340

Wooden Paving Rammer

Weight, complete, 23 pounds.

Length, overall, 42 inches.

Catalog Number 1341



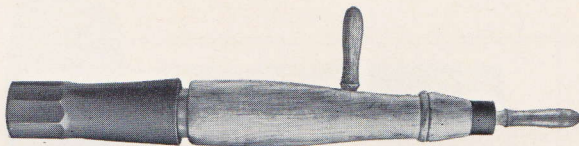
Steel Paving Rammer

Weight, complete, 50 pounds.

Base only, 40 pounds.

Length overall, 40 inches.

Catalog Number 1342



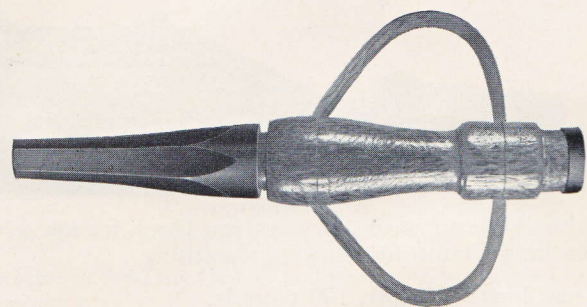
Belgian Paving Rammer

Weight, complete, 35 pounds.

Base only, 24 pounds.

Length overall, 33 inches.

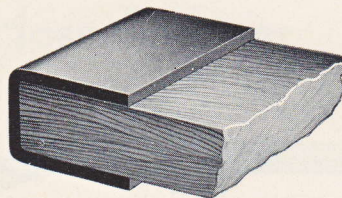
Catalog Number 1343



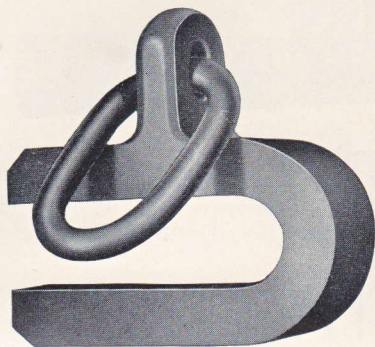
*See Our Latest
Price List*

Open End Plank Cap

Forged from Steel Plate



Plank Size	Weight	Catalog Number
2" x 6"	9½ lbs.	1344
2" x 8"	12½ lbs.	1345
3" x 6"	10½ lbs.	1346
3" x 8"	14 lbs.	1347



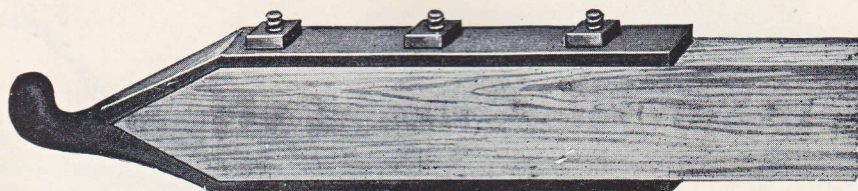
Sheathing Clamp

Forged from steel 3" wide,
1½" thick.

*See Our Latest
Price List*

Size	Width and Depth of Opening	Weight	Catalog Number
2"	2¼" x 8"	30 lbs.	1348
3"	3¼" x 8"	31 lbs.	1349

Sheathing Lever



White oak lever with Norway Iron Hook for use with
Sheathing Clamp for drawing sheathing.

10 feet long. Weight, 100 pounds.

Catalog Number 1350

Calking Tool



Made from $\frac{7}{8}$ " quarter octagon tool steel with blade $\frac{7}{8}$ " wide, $1\frac{3}{4}$ " long, and varying in thickness from $\frac{1}{8}$ " to $\frac{3}{4}$ ". Overall length $8\frac{1}{2}$ ".

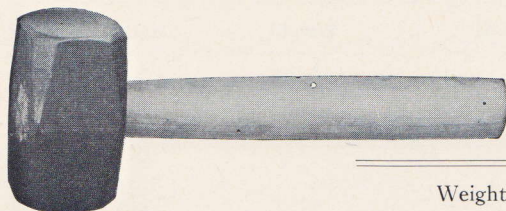
Size No.	Thickness of Blade	Weight	Catalog Number
1	$\frac{1}{8}$ "	$1\frac{1}{4}$ lbs.	1351
2	$\frac{1}{4}$ "	$1\frac{1}{4}$ lbs.	1352
3	$\frac{3}{8}$ "	$1\frac{1}{2}$ lbs.	1353
4	$\frac{1}{2}$ "	$1\frac{1}{2}$ lbs.	1354
5	$\frac{5}{8}$ "	$1\frac{3}{4}$ lbs.	1355
6	$\frac{3}{4}$ "	$1\frac{3}{4}$ lbs.	1356

Yarning Tool

Length Overall	Weight	Catalog No.
10"	$1\frac{1}{2}$ lbs.	1513



Made from $\frac{7}{8}$ " quarter octagon tool steel with blade $\frac{1}{8}$ " thick, $3\frac{1}{2}$ " long.



Calking Hammer

Length of Handle 10".

Weight of Handle only, $\frac{1}{4}$ pound.

*See Our Latest
Price List*

Weight	Size of Hammer	Catalog Number
$2\frac{1}{2}$ lbs.	$1\frac{3}{4}$ " sq. $3\frac{1}{2}$ " long	1357
3 lbs.	$1\frac{3}{4}$ " sq. $3\frac{7}{8}$ " long	1358
$3\frac{1}{2}$ lbs.	$1\frac{7}{8}$ " sq. 4" long	1359
4 lbs.	2" sq. $4\frac{1}{4}$ " long	1360

Diamond Point Dog Chisel

Length Overall	Weight	Catalog No.
$7\frac{1}{2}$ "	$3\frac{1}{8}$ lbs.	1514

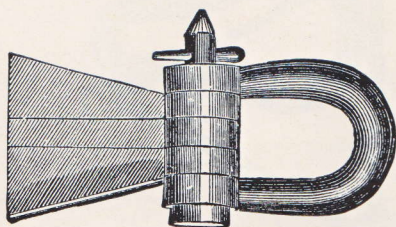


For cutting heavy cast-iron pipe.
Forged from $1\frac{1}{2}$ " square tool steel.

NOTE: The tools listed on this page are for use on GAS and WATER MAINS and should not be confused with lighter tools as used in the plumbing trade.

CHOICE OF VULCAN TOOLS SIGNIFIES WISE ECONOMY

Stone Lewis



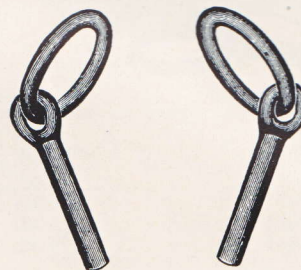
For handling granite blocks in building construction. Lewis hole in block should approximate dimensions given below according to weight to be handled.

See Our Latest
Price List

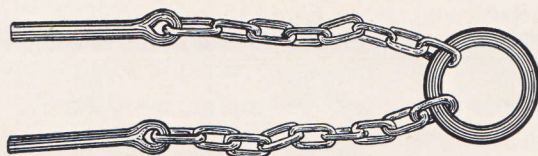
Size No.....	0	1	2	3	4	5
Nominal Capacity, Tons.	1	2	3	4	5	6
Size Shackle and Pin....	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1 "	$1\frac{1}{8}$ "	$1\frac{1}{4}$ "
Thickness of Lewis.....	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	1 "
Width at Bottom.....	$2\frac{1}{2}$ "	$2\frac{1}{2}$ "	$3\frac{1}{2}$ "	$3\frac{1}{2}$ "	4 "	5 "
Width at Top.....	$1\frac{7}{8}$ "	$1\frac{7}{8}$ "	$2\frac{1}{2}$ "	$2\frac{1}{2}$ "	3 "	$3\frac{1}{2}$ "
Depth.....	$3\frac{1}{4}$ "	$3\frac{3}{4}$ "	$5\frac{1}{2}$ "	$5\frac{1}{2}$ "	6 "	6 "
Weight.....	4 lbs.	$5\frac{1}{2}$ lbs.	10 lbs.	$13\frac{1}{2}$ lbs.	18 lbs.	23 lbs.
Catalog Number.....	1530	1531	1532	1533	1534	1535

Pin Lewis

Used for same purpose as Stone Lewis requiring but two drilled holes in block.



Size of Pins	Length of Pins	Weight Per Pair	Catalog Number
$\frac{5}{8}$ "	4 "	4 lbs.	1375
$\frac{3}{4}$ "	$4\frac{1}{2}$ "	5 lbs.	1376
$\frac{7}{8}$ "	5 "	6 lbs.	1377
1 "	6 "	10 lbs.	1378
$1\frac{1}{8}$ "	7 "	15 lbs.	1379
$1\frac{1}{4}$ "	7 "	20 lbs.	1380



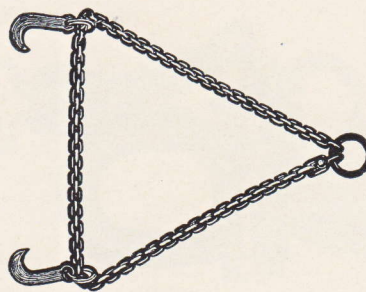
Chain Lewis

Size No.	Size of Pins	Size of Chain	Max. Spread of Pin Holes	Capacity	Weight	Catalog Number
1	$\frac{5}{8}$ "	$\frac{3}{8}$ "	20"	3 tons	7 lbs.	1381
2	$\frac{3}{4}$ "	$\frac{1}{2}$ "	24"	5 tons	11 lbs.	1382
3	$\frac{7}{8}$ "	$\frac{5}{8}$ "	28"	8 tons	20 lbs.	1383
4	1 "	$\frac{3}{4}$ "	32"	12 tons	30 lbs.	1384

Grab Chain

Made from best quality Hand Made Iron Chain (tested) and fitted with Steel Dog Hooks as shown below.

See Our Latest
Price List



Size of Chain	Length of Chain	Capacity	Weight	Catalog Number
$\frac{1}{2}$ "	12'	5 tons	50 lbs.	1385
$\frac{5}{8}$ "	14'	8 tons	90 lbs.	1386
$\frac{3}{4}$ "	16'	12 tons	160 lbs.	1387

Stone (Lifting) Dog



Made of Tool Steel with Norway Iron Ring.

We make larger and special sizes to order.

Size No.	Chain Size	Capacity Per Pair	Weight Per Pair	Catalog Number
1	$\frac{1}{2}$ "	5 tons	14 lbs.	1388
2	$\frac{5}{8}$ "	8 tons	25 lbs.	1389
3	$\frac{3}{4}$ "	12 tons	44 lbs.	1390

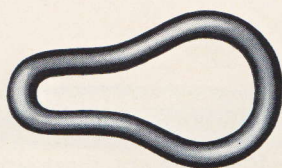
Stone or Sling Chain



Made from best quality Hand-Made Iron Chain (tested) and fitted with Steel Hooks and Iron Rings.

Size of Chain	Length Overall	Safe Working Load	Weight	Catalog Number
$\frac{3}{8}$ "	10' 12'	3,000 lbs.	18 lbs. 21 lbs.	1391 1392
$\frac{1}{2}$ "	10' 12'	6,000 lbs.	29 lbs. 34 lbs.	1393 1394
$\frac{5}{8}$ "	12' 15'	9,000 lbs.	52 lbs. 65 lbs.	1395 1396
$\frac{3}{4}$ "	12' 15'	13,000 lbs.	75 lbs. 95 lbs.	1397 1398

NOTE: The Safe Working Load of these chains is but two-thirds of the proof strain and but one-fourth of the minimum breaking strain.



Grab Link

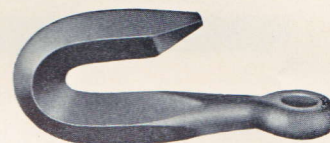
Forged from Norway Iron.

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Price List

Size of Stock	Chain Size	Weight	Catalog Number
$\frac{3}{4}$ "	$\frac{3}{8}$ "	2 lbs.	1399
1"	$\frac{1}{2}$ "	5 lbs.	1400
$1\frac{1}{4}$ "	$\frac{5}{8}$ "	7 lbs.	1401
$1\frac{1}{2}$ "	$\frac{3}{4}$ "	12 lbs.	1402
$1\frac{5}{8}$ "	$\frac{7}{8}$ "	15 lbs.	1403
$1\frac{3}{4}$ "	1"	25 lbs.	1404

Grab Hook

Forged from Steel and fitted to Stone Chains when required in place of regular slip hook.



Size of Stock	Chain Size	Weight	Catalog Number
$\frac{7}{8}$ " sq.	$\frac{3}{8}$ "	$1\frac{1}{4}$ lbs.	1405
1" sq.	$\frac{1}{2}$ "	$2\frac{1}{2}$ lbs.	1406
$1\frac{1}{8}$ " sq.	$\frac{5}{8}$ "	$3\frac{3}{4}$ lbs.	1407
$1\frac{3}{4}$ " sq.	$\frac{3}{4}$ "	$11\frac{1}{2}$ lbs.	1408
$1\frac{7}{8}$ " sq.	$\frac{7}{8}$ "	17 lbs.	1409
2" sq.	1"	19 lbs.	1410

Hand-Made Contractors' Pick



The Vulcan Hand-Made Contractors' Pick outlasts several ordinary picks, and does more because of its improved shape. Our manufacturing methods enable us to produce this very superior pick at prices comparing quite favorably with those of the so-called factory-made pick.

We use great care in selecting special steel for this pick, as well as in its treatment by skilled workmen.

Every Vulcan Hand-Made Pick is specially heat-treated to give it unusual strength and toughness. This pick can be sharpened just as any ordinary pick *without affecting its quality.*

Size or Weight	Length Overall	Catalog Number
8 lb.	30"	1520
9 lb.	32"	1521

FOR COMPLETE SATISFACTION USE VULCAN TOOLS

Tool Steel Drift Pin

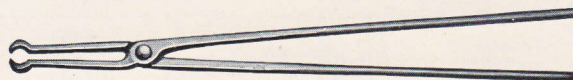


Forged from a very hard and tough grade of steel in the following standard sizes:

Size of Steel	Length	Aver. Weight Per 100	Catalog Number
$\frac{7}{16}$ "	6 "	21 lbs.	1412
$\frac{9}{16}$ "	$6\frac{1}{2}$ "	37 lbs.	1413
$\frac{11}{16}$ "	7 "	57 lbs.	1414
$\frac{13}{16}$ "	$7\frac{1}{2}$ "	83 lbs.	1415
$\frac{15}{16}$ "	8 "	120 lbs.	1416
$1\frac{1}{16}$ "	$8\frac{1}{2}$ "	150 lbs.	1417
$1\frac{3}{16}$ "	9 "	200 lbs.	1418
$1\frac{5}{16}$ "	9 "	250 lbs.	1419

We can promptly furnish special Drift Pins of any size or type on short notice. Let us quote on your specifications.

Rivet Tong



We can vary shape of jaws to suit requirements.

Standard Lengths Overall	Length of Jaws	Weight	Catalog Number
18"	5"	$1\frac{1}{2}$ lbs.	1420
24"	5"	$1\frac{3}{4}$ lbs.	1421
30"	5"	$2\frac{1}{8}$ lbs.	1422

Structural Wrench

Straight Opening with Offset Head

An Alloy Steel Wrench of superior quality. Light weight and guaranteed not to spread or bend.

See Our Latest
Price List



Bolt Size	Length	Weight	Catalog Number
$\frac{1}{2}$ "	13 "	1 lb.	1423
$\frac{5}{8}$ "	$15\frac{1}{4}$ "	$1\frac{3}{4}$ lbs.	1424
$\frac{3}{4}$ "	$16\frac{3}{4}$ "	$2\frac{1}{2}$ lbs.	1425
$\frac{7}{8}$ "	18 "	$3\frac{1}{4}$ lbs.	1426
1 "	20 "	$4\frac{1}{4}$ lbs.	1427

WHERE OTHERS FAIL VULCAN TOOLS SUCCEED

Straight Dolly Bar



Vulcan Dolly Bars are cupped *both* ends for same size of rivet unless otherwise ordered.

Rivet Size	Length	Size Stock	Weight	Catalog Number
$\frac{3}{8}$ "	24"	$1\frac{1}{2}$ "	12 lbs.	1428
$\frac{1}{2}$ "	24"	$1\frac{5}{8}$ "	14 lbs.	1429
$\frac{5}{8}$ "	24"	$1\frac{3}{4}$ "	16 lbs.	1430
$\frac{3}{4}$ "	30"	2 "	27 lbs.	1431
$\frac{7}{8}$ "	30"	2 "	27 lbs.	1432
1 "	30"	$2\frac{1}{8}$ "	30 lbs.	1433

Offset Dolly Bar (Club Dolly)

Vulcan Dolly Bars are cupped *both* ends for same size of rivet unless otherwise ordered.



Rivet Size	Length	Size Stock	Weight	Catalog Numbers
$\frac{3}{8}$ "	24"	$1\frac{1}{2}$ "	12 lbs.	1434
$\frac{1}{2}$ "	24"	$1\frac{5}{8}$ "	14 lbs.	1435
$\frac{5}{8}$ "	24"	$1\frac{3}{4}$ "	16 lbs.	1436
$\frac{3}{4}$ "	30"	2 "	27 lbs.	1437
$\frac{7}{8}$ "	30"	2 "	27 lbs.	1438
1 "	30"	$2\frac{1}{8}$ "	30 lbs.	1439

See Our Latest
Price List



Heel Dolly

Rivet Size	Length	Weight	Catalog Number
$\frac{5}{8}$ "	48"	11 lbs.	1440
$\frac{3}{4}$ "	48"	11 lbs.	1441
$\frac{7}{8}$ "	48"	11 lbs.	1442
1 "	48"	11 lbs.	1443

Holding-On Sledge (Spring Dolly)

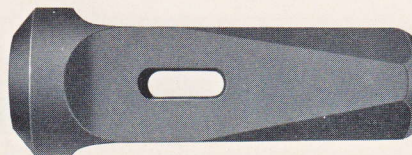


Rivet Size	Length Overall	Size of Handle	Weight	Catalog Number
$\frac{3}{8}$ "	48"	1 "	16 lbs.	1444
$\frac{1}{2}$ "	48"	1 "	16 lbs.	1445
$\frac{5}{8}$ "	48"	$1\frac{1}{8}$ "	21 lbs.	1446
$\frac{3}{4}$ "	48"	$1\frac{1}{8}$ "	22 lbs.	1447
$\frac{7}{8}$ "	48"	$1\frac{1}{8}$ "	22 lbs.	1448
1 "	48"	$1\frac{1}{4}$ "	28 lbs.	1449

A VULCAN USER IS A SATISFIED USER

Button Head Rivet Set

See Our Latest
Price List



Rivet Size	Diameter of Cup	Length	Weight	Catalog Number
$\frac{1}{2}$ "	$\frac{7}{8}$ "	$5\frac{1}{2}$ "	3 lbs.	1450
$\frac{5}{8}$ "	$1\frac{1}{8}$ "	$5\frac{3}{4}$ "	$4\frac{1}{2}$ lbs.	1451
$\frac{3}{4}$ "	$1\frac{1}{4}$ "	6 "	$4\frac{1}{2}$ lbs.	1452
$\frac{7}{8}$ "	$1\frac{1}{2}$ "	6 "	5 lbs.	1453



Round Rivet Buster

Forged from $1\frac{1}{2}$ " square Tool Steel.
Cutting edge $1\frac{1}{8}$ " diameter.

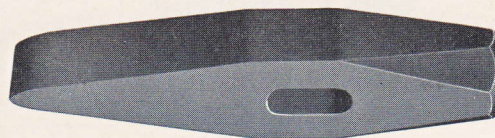
Overall length 7"

Weight 4 pounds

Catalog Number 1454

Construction Chisel

Forged from $1\frac{1}{2}$ " square special alloy steel
especially heat treated for severe service.



Length 7" Weight $3\frac{1}{2}$ lbs. Catalog Number 1455

This tool is sometimes called a "Dog Chisel" for cutting cast-iron pipe. See also "Diamond Point Dog Chisel" on catalog page 35.



Backing-Out Punch

Size	Size Stock at Eye	Weight	Catalog Number
$\frac{3}{8}$ "	$1\frac{1}{4}$ " sq.	$1\frac{1}{2}$ lbs.	1456
$\frac{1}{2}$ "	$1\frac{3}{8}$ " sq.	$1\frac{3}{4}$ lbs.	1457
$\frac{5}{8}$ "	$1\frac{1}{2}$ " sq.	$2\frac{3}{4}$ lbs.	1458
$\frac{3}{4}$ "	$1\frac{1}{2}$ " sq.	3 lbs.	1459
$\frac{7}{8}$ "	$1\frac{1}{2}$ " sq.	3 lbs.	1460
1"	$1\frac{1}{2}$ " sq.	$3\frac{1}{4}$ lbs.	1461

Side Set or Buster

Forged from $1\frac{1}{2}$ " square special alloy steel
especially heat treated for severe service.



Length $7\frac{1}{2}$ "

Weight $3\frac{1}{4}$ pounds

Catalog Number 1462

We can supply this tool with eye at right angles with cutting edge; this we call an End Buster.

Hand Rivet Buster



Made from 1 $\frac{1}{4}$ " octagon tool steel.

Length 24"

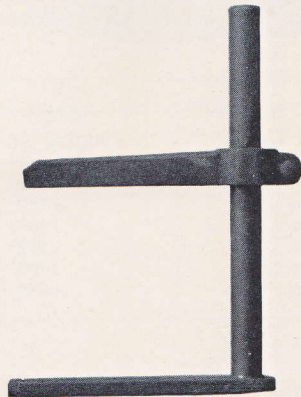
Weight 8 $\frac{1}{2}$ pounds

Catalog Number 1463

Connecting Bar



Size Stock	Length	Weight	Catalog Number
$\frac{3}{4}$ "	24"	3 $\frac{1}{4}$ lbs.	1464
$\frac{3}{4}$ "	30"	4 lbs.	1465
$\frac{7}{8}$ "	24"	4 $\frac{1}{4}$ lbs.	1466
$\frac{7}{8}$ "	30"	5 $\frac{1}{2}$ lbs.	1467
1"	24"	5 $\frac{3}{4}$ lbs.	1468
1"	30"	7 lbs.	1469



Drilling Post

For use with ratchet drills.

*See Our Latest
Price List*

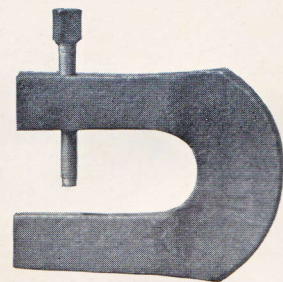
Size No.	Size of Post	Length of Arm	Weight	Catalog Number
1	1 $\frac{3}{8}$ " x 20"	10"	19 lbs.	1470
2	1 $\frac{5}{8}$ " x 20"	12"	33 lbs.	1471

Riveting Clamp

Used by structural workers for clamping drilling post to beams. Frame is Steel Forging, and the screw is of $\frac{3}{4}$ " tool steel. Opening is 3" high and 6" deep.

Weight 17 pounds

Catalog Number 1472



Cold Chisel

Our Cold Chisels are made with cutting edge the same width as size of steel. We can also furnish longer lengths made to order on short notice.



Size of Steel	Length	Weight Per Dozen	Catalog Number
$\frac{3}{8}$ "	$5\frac{1}{2}$ "	2 lbs.	1473
$\frac{1}{2}$ "	6 "	3 lbs.	1474
$\frac{5}{8}$ "	7 "	7 lbs.	1475
$\frac{3}{4}$ "	8 "	12 lbs.	1476
$\frac{7}{8}$ "	$8\frac{1}{2}$ "	18 lbs.	1477
1 "	9 "	24 lbs.	1478

Diamond-Point Chisel



Size of Steel	Length	Weight Per Dozen	Catalog Number
$\frac{3}{8}$ "	$5\frac{1}{2}$ "	2 lbs.	1479
$\frac{1}{2}$ "	6 "	3 lbs.	1480
$\frac{5}{8}$ "	7 "	7 lbs.	1481
$\frac{3}{4}$ "	8 "	12 lbs.	1482
$\frac{7}{8}$ "	$8\frac{1}{2}$ "	18 lbs.	1483
1 "	9 "	24 lbs.	1484

*See Our Latest
Price List*

Round-Nose Chisel



Size of Steel	Length	Weight Per Dozen	Catalog Number
$\frac{3}{8}$ "	$5\frac{1}{2}$ "	2 lbs.	1485
$\frac{1}{2}$ "	6 "	3 lbs.	1486
$\frac{5}{8}$ "	7 "	7 lbs.	1487
$\frac{3}{4}$ "	8 "	12 lbs.	1488
$\frac{7}{8}$ "	$8\frac{1}{2}$ "	18 lbs.	1489
1 "	9 "	24 lbs.	1490

Cape Chisel



Size of Steel	Width of Cut	Length	Weight Per Dozen	Catalog Number
1/2"	3/16"	6 "	3 3/4 lbs.	1491
5/8"	1/4"	7 "	7 lbs.	1492
5/8"	5/16"	7 "	7 lbs.	1493
3/4"	3/8"	7 1/2"	10 lbs.	1494
3/4"	1/2"	7 1/2"	10 lbs.	1495
7/8"	5/8"	8 "	12 lbs.	1496
1 "	3/4"	9 "	24 lbs.	1497

Round Nose Cape Chisel



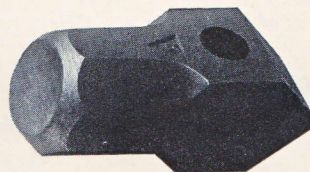
Size of Steel	Width of Cut	Length	Weight Per Dozen	Catalog Number
1/2"	3/16"	6 "	3 3/4 lbs.	1498
5/8"	1/4"	7 "	7 lbs.	1499
5/8"	5/16"	7 "	7 lbs.	1500
3/4"	3/8"	7 1/2"	11 lbs.	1501
3/4"	1/2"	7 1/2"	11 lbs.	1502
7/8"	5/8"	8 "	12 lbs.	1503
1 "	3/4"	9 "	25 lbs.	1504

BLACKSMITHS' SHARPENING TOOLS

Bevel Face Hammer

See Our Latest
Price List

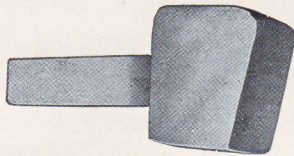
Average weight 3 1/2 pounds



Catalog Number 1505

FOR THAT EXTRA HARD JOB TRY A VULCAN

Plain Sharpening Stake



For sharpening plain chisels, points and plug drills.

Weight 5 pounds

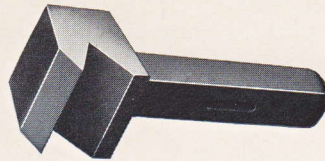
Catalog Number 1506

Tooth Chisel Stake

For sharpening four point tools.

When ordering stakes always state size of square shank desired. When key slot is desired for holding securely to anvil, state depth of hole in anvil. Furnished without key slot unless specified.

Weight 5 pounds



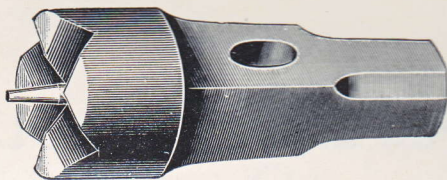
Catalog Number 1507

TONGS

We can furnish all types of Blacksmiths Tongs for Forging, Sharpening and Heating all shapes and sizes of steel. Let us quote on your requirements.

HOLLOW DRILL SHARPENING TOOLS

Four Point Dolly



*See Our Latest
Price List*

Complete set for sharpening four-point cross bits includes Dolly, Swage, Sow, Flatter and Spreader.

Weight 16 pounds

Catalog Number 1508

Complete set for sharpening six-point rose bits includes Dolly, Gouge, Spreader and Quarter Dolly.

Weight 12 pounds

Catalog Number 1509

Furnished in complete sets or separately as desired.

Four Point Dolly only

Weight 4 pounds

Catalog Number 1510

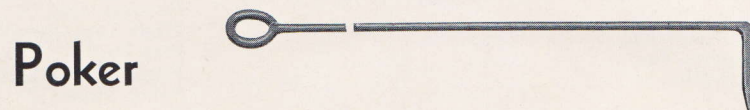
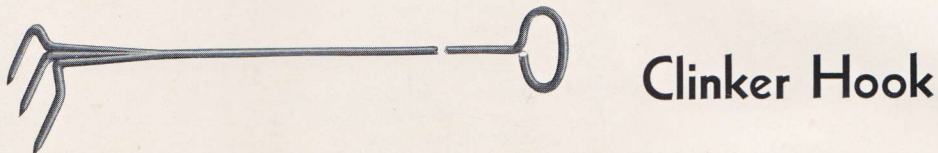
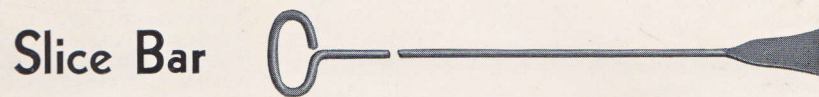
Six Point Dolly only

Weight 3½ pounds

Catalog Number 1511

CHOICE OF VULCAN TOOLS SIGNIFIES WISE ECONOMY

ENGINEERS' FIRING TOOLS



*See Our Latest
Price List*

Length	Size Handle	Hoe		Slice Bar		Clinker Hook		Poker	
		Weight	Cat. No.	Weight	Cat. No.	Weight	Cat. No.	Weight	Cat. No.
7 ft.	$\frac{3}{4}$ " $\frac{7}{8}$ "	17 lbs.	1610	12 lbs.	1622	17 lbs.	1634	12 lbs.	1646
		21 lbs.	1611	16 lbs.	1623	21 lbs.	1635	16 lbs.	1647
8 ft.	$\frac{3}{4}$ " $\frac{7}{8}$ " 1"	18 lbs.	1612	13 lbs.	1624	18 lbs.	1636	13 lbs.	1648
		23 lbs.	1613	18 lbs.	1625	23 lbs.	1637	18 lbs.	1649
		30 lbs.	1614	24 lbs.	1626	30 lbs.	1638	24 lbs.	1650
9 ft.	$\frac{3}{4}$ " $\frac{7}{8}$ " 1"	20 lbs.	1615	15 lbs.	1627	20 lbs.	1639	15 lbs.	1651
		25 lbs.	1616	20 lbs.	1628	25 lbs.	1640	20 lbs.	1652
		33 lbs.	1617	27 lbs.	1629	33 lbs.	1641	27 lbs.	1653
10 ft.	$\frac{7}{8}$ " 1"	27 lbs.	1618	22 lbs.	1630	27 lbs.	1642	22 lbs.	1654
		35 lbs.	1619	29 lbs.	1631	35 lbs.	1643	29 lbs.	1655
12 ft.	$\frac{7}{8}$ " 1"	31 lbs.	1620	26 lbs.	1632	31 lbs.	1644	26 lbs.	1656
		40 lbs.	1621	34 lbs.	1633	40 lbs.	1645	34 lbs.	1657

Where a stiffer Slice Bar is required we can, at additional cost, forge from octagon tool steel.

VULCAN TOOLS MEAN MORE EFFICIENT WORKMANSHIP

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